

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|--|
| 10/814,345              | SHINO, TOMOAKI                          |  |  |  |  |  |  |  |
| Examiner                | Art Unit                                |  |  |  |  |  |  |  |
| Sara W. Crane           | 2811                                    |  |  |  |  |  |  |  |

| Г                                  |   | .——           |  |       |          |          |                                   | IS         | SU                                     | E C                       | LAS      | SIF        | CAT   | ΓΙΟΙ     | V          |                          |         |              |   |             |  |
|------------------------------------|---|---------------|--|-------|----------|----------|-----------------------------------|------------|--|---------------------------|----------|------------|-------|----------|------------|--------------------------|---------|--------------|---|-------------|--|
| -                                  |   |               | OR   | IGIN/ | AL       |          | Т_                                |            | SUE CLASSIFICATION  CROSS REFERENCE(S) |                           |          |            |       |          |            |                          |         |              |   |             |  |
| CLASS SUBCLASS CLASS               |   |               |  |       |          |          | LASS                              |            |  |                           |          |            |       |          |            |                          |         |              |   |             |  |
| 257 347                            |   |               |  |       |          | 257      | 50                                | 507 510    |  |                           |          |            |       |          |            | Ī                        |         | -            |   |             |  |
|                                    | INTERNATIONAL CLASSIFICATION                      |               |  |       |          |          | 138                               | ₩-         | 21                                     | 1 310                     |          |            | -+    |          | +          |                          |         | <del>-</del> |   |             |  |
|                                    | <del>, , , , , , , , , , , , , , , , , , , </del> |               |  | ╁     | +30      | - 2      | <u> </u>                          |            |  |                           | -        |            |       | :        | <u> </u>   |                          |         |              |   |             |  |
| Н                                  | 0   | 1             | L  |       | 27/      | 01       |                                   |            | ļ                                      |                           |          |            |       |          |            | -                        |         | ļ            | <u> </u>  |             |  |
|                                    |   |               |  |       |          |          |                                   |            |  |                           |          |            |       |          |            |                          |         |              | _   |             |  |
|                                    |   |               |  |       | 1        |          |                                   |            |  |                           |          |            |       |          |            |                          |         |              |   |             |  |
|                                    |   |               |  |       |          |          |                                   |            |  |                           |          |            |       |          |            |                          |         |              |   |             |  |
|                                    |   |               |  |       |          |          |                                   |            |  |                           |          |            |       |          |            |                          |         |              |   |             |  |
| Н                                  |   |               |  |       |          |          |                                   |            |  |                           |          |            |       |          |            |                          |         |              |   |             |  |
| <u> </u>                           |   |               |  |       |          |          |                                   | Sara Crane |  |                           |          |            |       |          | ١ ٦        | Total Claims Allowed: 20 |         |              |   |             |  |
| İ,                                 | ,   | (As           | sista  | nt Ex | kamine   | r) (Da   | ate) (                            | ,          |  |                           |          |            | miner |          |            |                          |         |              |   |             |  |
|                                    | . /   |               |  | ı/    | 2.1      |          | 1                                 | , 17       | ,                                      | X                         | , [      | (_         |       | 3/       | 15/06      |                          | C       | ).G.         |   |             |  |
|                                    | HII.  | M             | Na   | ( K   | Wood     | 1100-    | - 316                             | 3/4        | b ×                                    | wa                        | W        |            | ne    | 3/       | 401Ci      |                          | Print ( | Claim(s)     | Prin  | t Fig.      |  |
| (Legal Instruments Examiner) (Date |   |               |  |       |          | e) V [   | B Lova W Crane (Primary Examiner) |            |  |                           |          |            | *)    |          | 1          |                          | 2       | 2A           |   |             |  |
| ₩                                  | <del></del>                                       |               |  |       |          |          |                                   |            |  |                           |          |            |       |          |            |                          |         |              |   |             |  |
|                                    |   | laim          | ns re  | enun  | nbere    | d in the | sam                               | e orde     | er as p                                | r as presented by applica |          |            | icant |          | CPA        |                          | □ T.□   | D            | O.G. Print Fig.  2A    R.1.47   Region   Region |             |  |
|                                    | _   | <del>-</del>  |  |       |          | <u></u>  |                                   |            | <u></u>                                |                           |          | a          |       | _        | la l       |                          | _ 1     | न्न          | _   | ज           |  |
| 1                                  | FIDA  | Original      | ,  |       | Final    | Original |                                   | Final      | Original                               |                           | Final    | Original   |       | Final    | Original   |                          | Final   | Original     | i.  | igi         |  |
| ן נ                                | I   | Ö             |  |       | 正        | Ö        |                                   | ᄄᆝ         | Ö                                      |                           | 11.      | Ö          |       | ш        | ō          |                          | ╙       | ō            | "   | ဝ်          |  |
|                                    | 1   | 1             | $\dashv$                                     |       |          | 31       |                                   |            | 61                                     |                           |          | 91         | 1     |          | 121        | -                        |         | 151          |   | 181         |  |
| -                                  | 2   | <u> </u>      |  |       |          | 32       |                                   |            | 62                                     |                           |          | 92         | 1     |          | 122        |                          |         | 152          |   | 182         |  |
|                                    | 3   | 3             |  |       |          | 33       |                                   |            | 63                                     |                           |          | 93         | ]     |          | 123        |                          |         | 153          |   |             |  |
|                                    | Ý.  | 4             |  |       |          | 34       |                                   |            | 64                                     |                           |          | 94         | 1     |          | 124        | L                        |         | 154          |   |             |  |
| $\vdash$                           | 3   | 5             | 4  |       |          | 35       |                                   |            | 65                                     |                           |          | 95         | -     |          | 125<br>126 | -                        |         | 155<br>156   | -   |             |  |
|                                    | 6   | <u>6</u><br>7 | $\dashv$                                     |       |          | 36<br>37 |                                   |            | 66<br>67                               |                           | <u> </u> | 96<br>97   | -     |          | 127        | F                        | +       | 157          | <u> </u>  |             |  |
| -                                  | $\frac{1}{2}$                                     | 8             | -  |       |          | 38       |                                   |            | 68                                     |                           |          | 98         | 1     |          | 128        | F                        |         | 158          |   |             |  |
| 7                                  | -   | 9             | 7  |       |          | 39       |                                   |            | 69                                     |                           | -        | 99         | 1     |          | 129        |                          |         | 159          |   |             |  |
| 7                                  | 0   | 10            |  |       |          | 40       |                                   |            | 70                                     | ]                         |          | 100        | ]     |          | 130        |                          |         | 160          |   |             |  |
| Ţ                                  |   | 11            | _  |       |          | 41       |                                   |            | 71                                     |                           |          | 101        | 1     |          | 131        |                          |         | 161          |   |             |  |
| 1                                  | _   | 12            | _  |       |          | 42       |                                   |            | 72                                     |                           | <u> </u> | 102        | 4     |          | 132        | -                        |         | 162          |   |             |  |
|                                    | 3   | 13<br>14      |  |       | <u> </u> | 43<br>44 |                                   |            | 73<br>74                               | 1                         | -        | 103        | 1     |          | 133        | <br>                     |         | 163<br>164   |   |             |  |
|                                    | 4   | 15            | _  |       |          | 45       |                                   |            | 75                                     | 1                         | -        | 105        | 1     |          | 135        | <br>                     |         | 165          |   |             |  |
|                                    | 6   | 16            |  |       |          | 46       |                                   |            | 76                                     | 1                         |          | 106        | 1     |          | 136        | r                        |         | 166          |   |             |  |
|                                    | 7   | 17            |  |       |          | 47       |                                   |            | 77                                     | ]                         |          | 107        |       |          | 137        |                          |         | 167          |   |             |  |
|                                    | Š   | 18            |  |       |          | 48       |                                   |            | 78                                     | 1                         |          | 108        | _     |          | 138        | _                        |         | 168          |   |             |  |
|                                    | 9   | 19            |  |       |          | 49       |                                   | _          | 79                                     | -                         | <u> </u> | 109        | 4     | <u> </u> | 139        | F                        |         | 169          |   |             |  |
| 1                                  | 2   | 20<br>21      |  |       |          | 50<br>51 |                                   |            | 80<br>81                               | -                         |          | 110        | -     |          | 140        | -                        |         | 170<br>171   | -   |             |  |
| -                                  |   | 22            |  |       |          | 52       |                                   |            | 82                                     | 1                         | <u> </u> | 112        | 1     | -        | 142        | -                        |         | 172          |   |             |  |
| $\vdash$                           |   | 23            |  |       |          | 53       |                                   |            | 83                                     | 1                         |          | 113        | 1     |          | 143        | F                        |         | 173          |   | <del></del> |  |
|                                    |   | 24            | _  |       |          | 54       |                                   |            | 84                                     | ]                         |          | 114        |       |          | 144        |                          |         | 174          |   | 204         |  |
|                                    |   | 25            |  |       |          | 55       |                                   |            | 85                                     | 1                         |          | 115        |       |          | 145        |                          |         | 175          |   | 205         |  |
| _                                  |   | 26            |  |       |          | 56       |                                   |            | 86                                     | -                         |          | 116        | 4     | <u></u>  | 146        |                          |         | 176          |   | 206         |  |
|                                    |   | 27            |  |       |          | 57       |                                   |            | 87                                     | 4                         |          | 117        | -     | -        | 147        | -                        |         | 177          |   | 207         |  |
| $\vdash$                           |   | 28<br>29      |  |       |          | 58<br>59 |                                   |            | 88<br>89                               | 1                         | -        | 118<br>119 | -     |          | 148<br>149 | -                        |         | 178<br>179   | -   | 208         |  |
| -                                  |   | 30            |  |       |          | 60       |                                   | <u> </u>   | 90                                     | 1                         |          | 120        |       |          | 150        | H                        |         | 180          |   | 210         |  |
| _                                  |   | J             | <u>'                                    </u> |       | <u> </u> | 1 00     |                                   | L          | 1 30                                   | <u> </u>                  |          | 1 120      |       |          | 1 100      |                          |         | 100          |   | 20004       |  |